

ABSTRACT OF THE DISCLOSURE

A system may include a plurality of nodes coupled by an inter-node network. Each of the nodes includes several active devices, an interface to the inter-node network, and an address network coupling the active devices to the interface. An active device included in one of the nodes initiates a transaction by sending either a first type of address packet or a second type of address packet on the address network dependent on whether the active device is included in a multi-node system. The first type of address packet is sent if the active device is included in a multi-node system and is not snooped by other active devices in the same node as the active device. The second type of address packet, sent if the active device is included in a single node system, is snooped by other active devices in the same node as the active device.